

FIG. 1

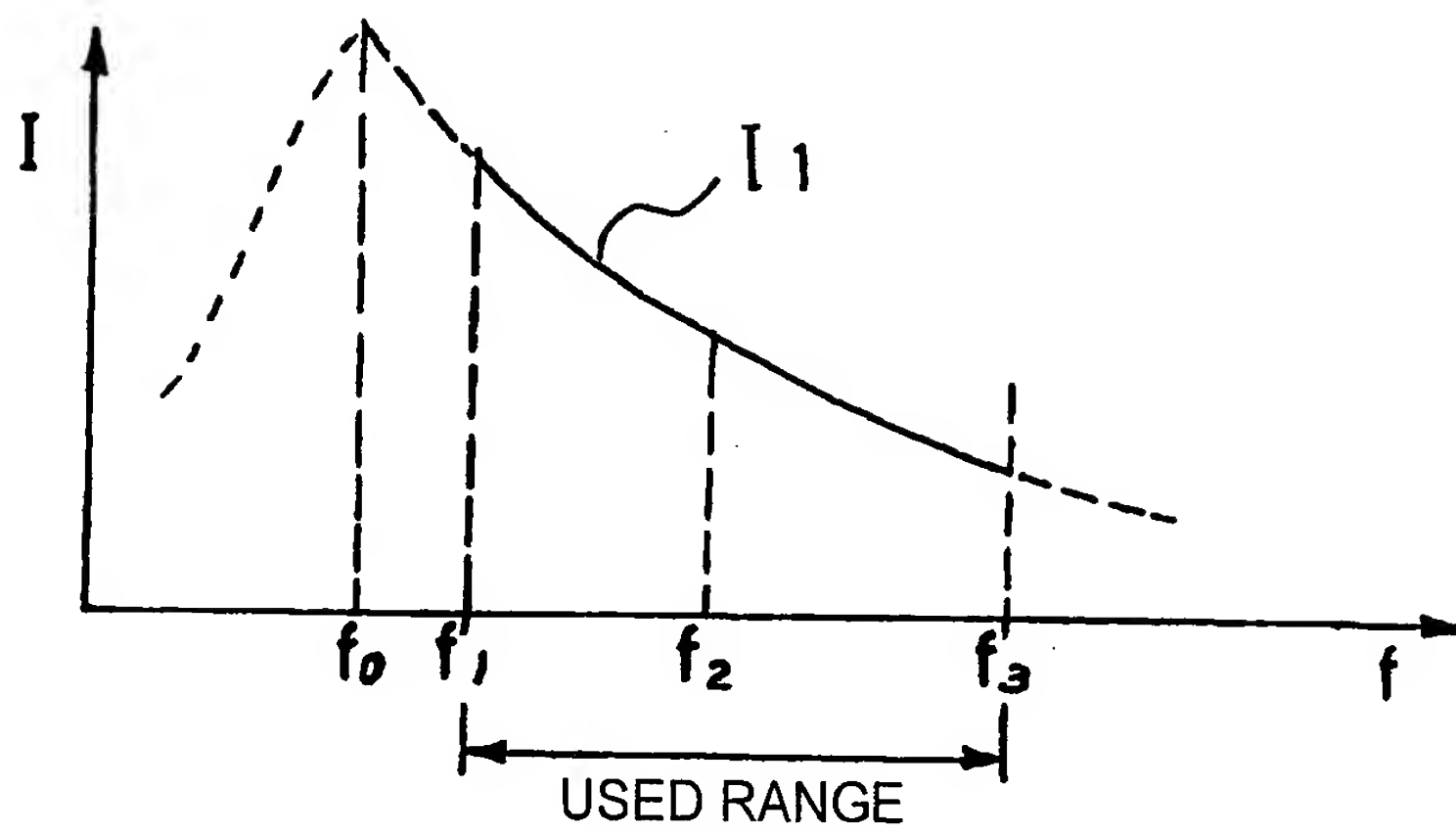


FIG. 2

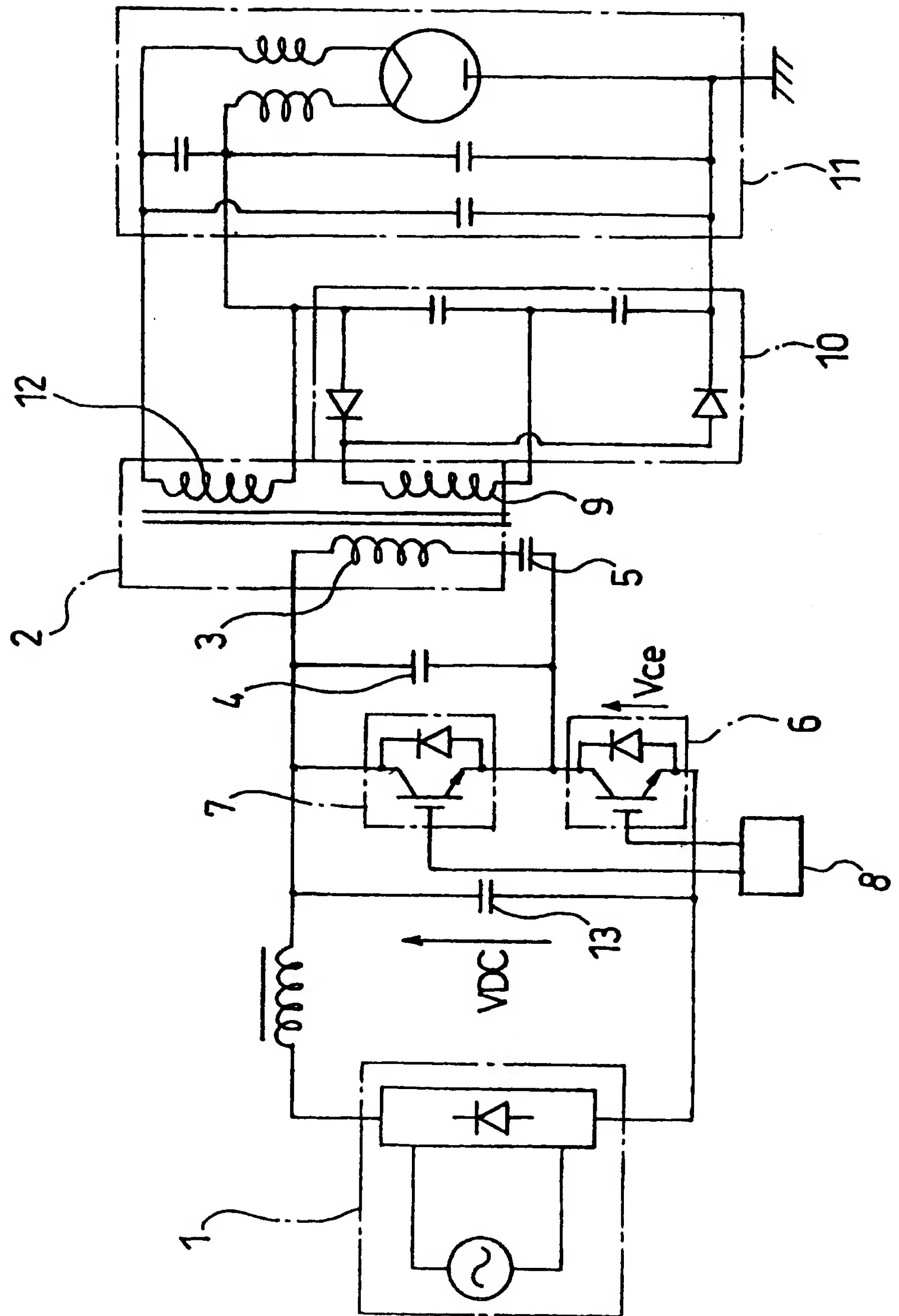


FIG. 3 (a)

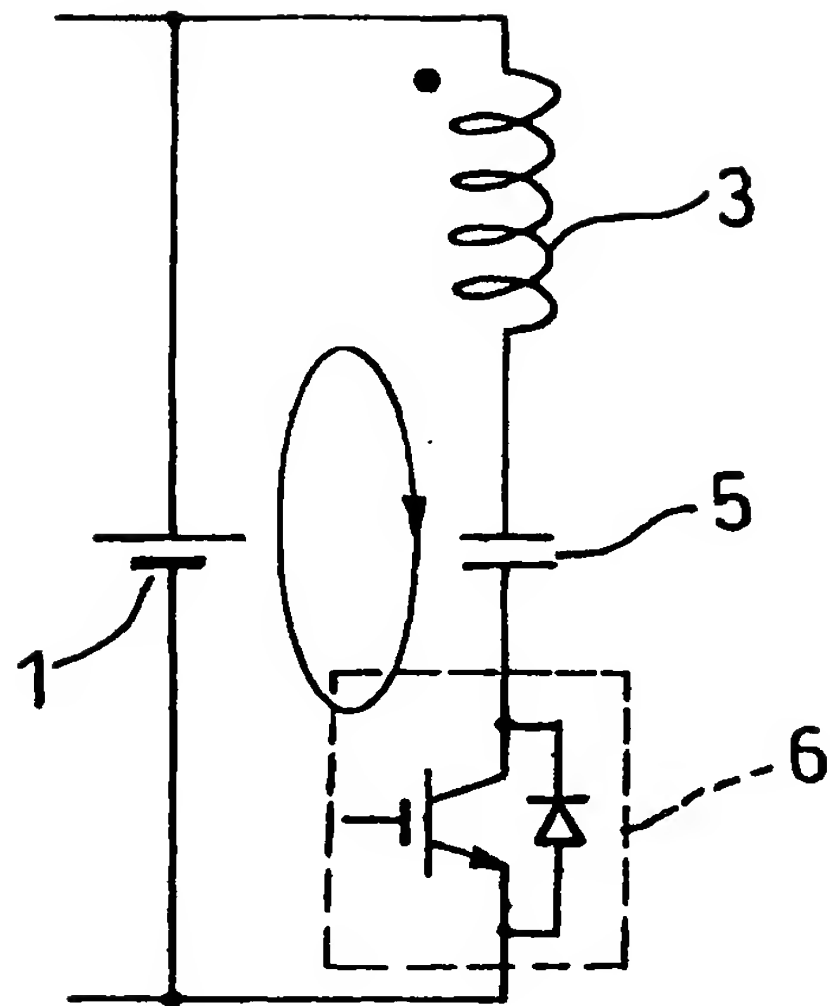


FIG. 3 (b)

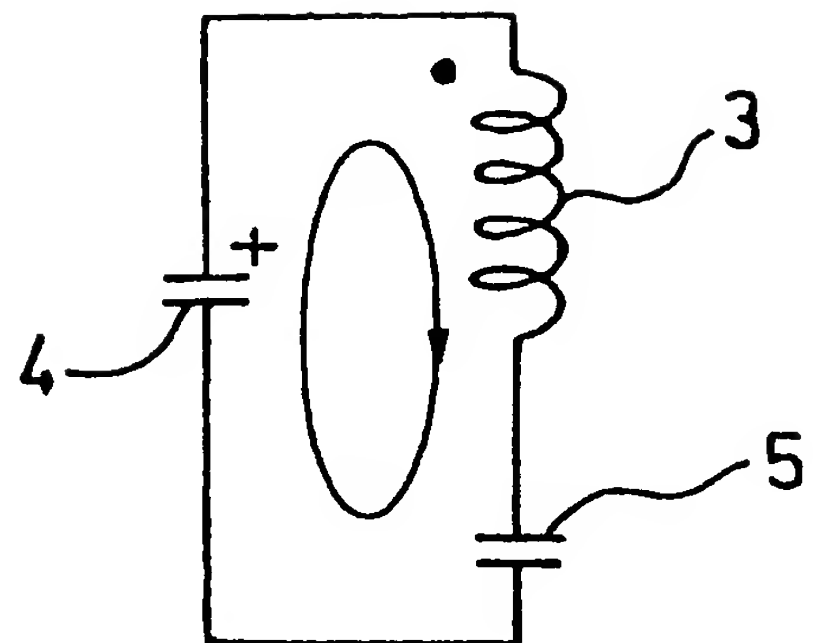


FIG. 3 (c)

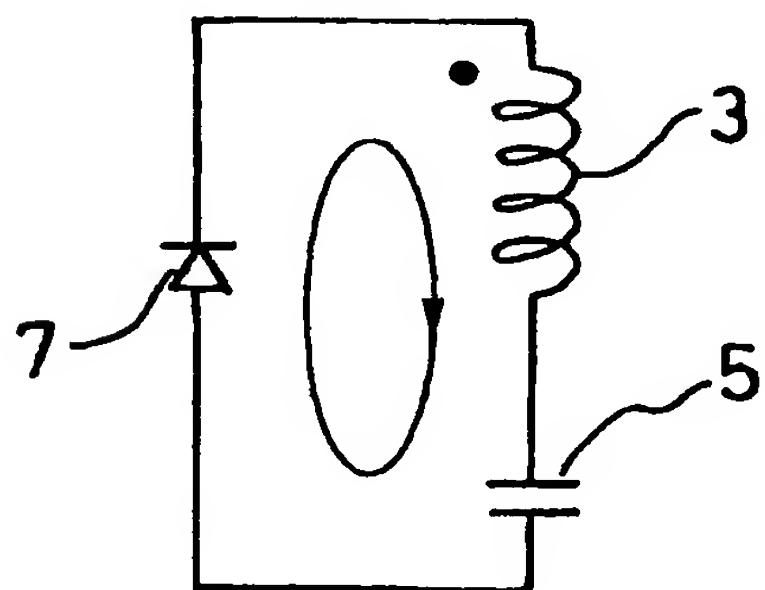


FIG. 3 (d)

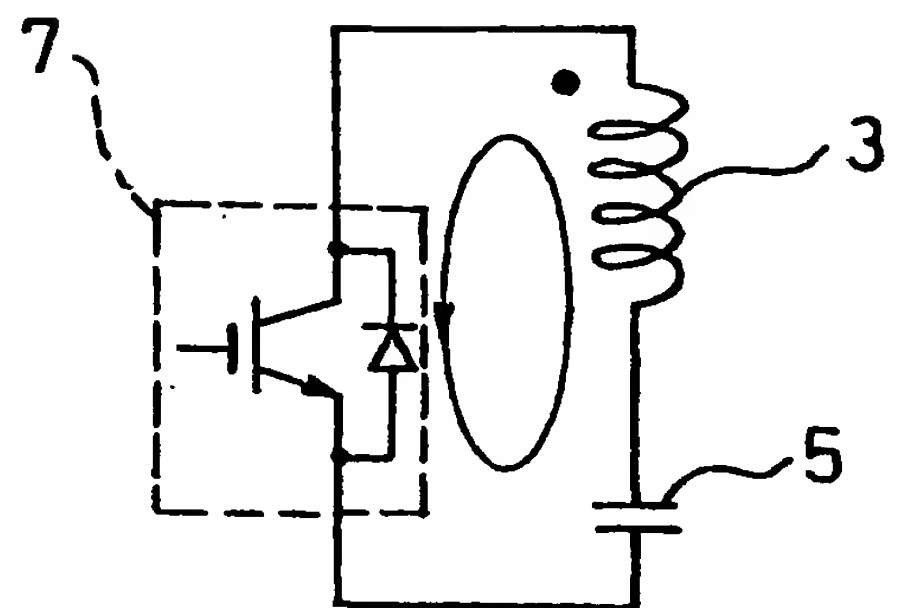


FIG. 3 (e)

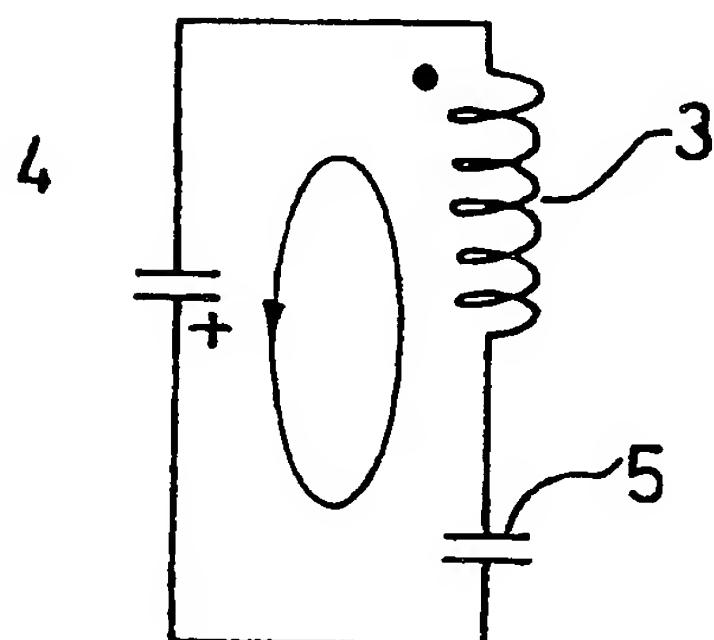


FIG. 3 (f)

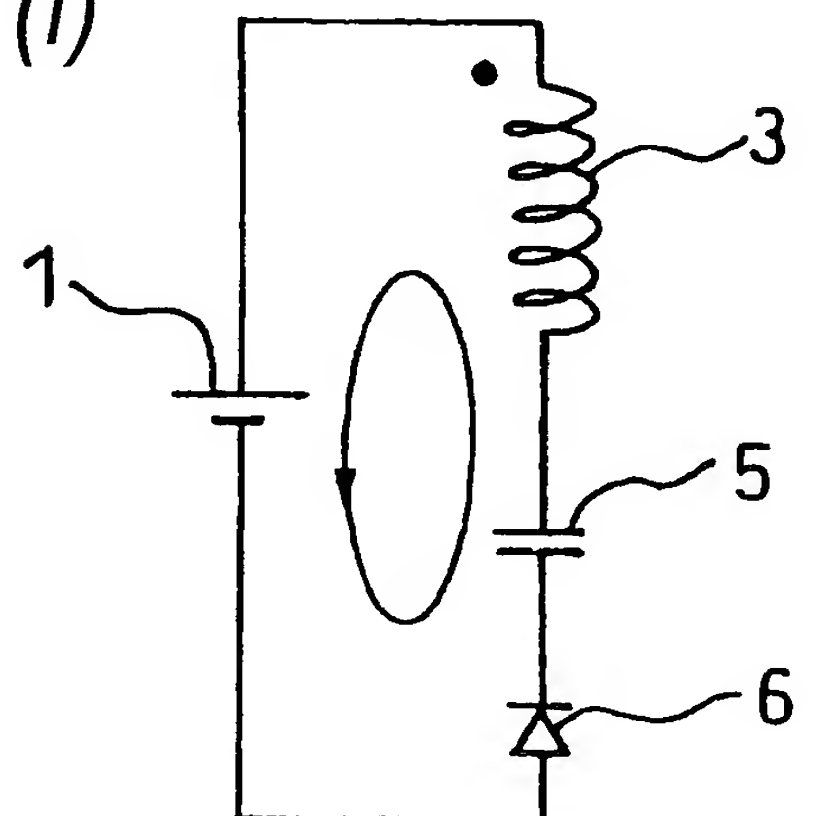


FIG. 4 (a) CURRENT OF FIRST SEMICONDUCTOR SWITCHING ELEMENT 6

FIG. 4 (b) VOLTAGE OF FIRST SEMICONDUCTOR SWITCHING ELEMENT 6

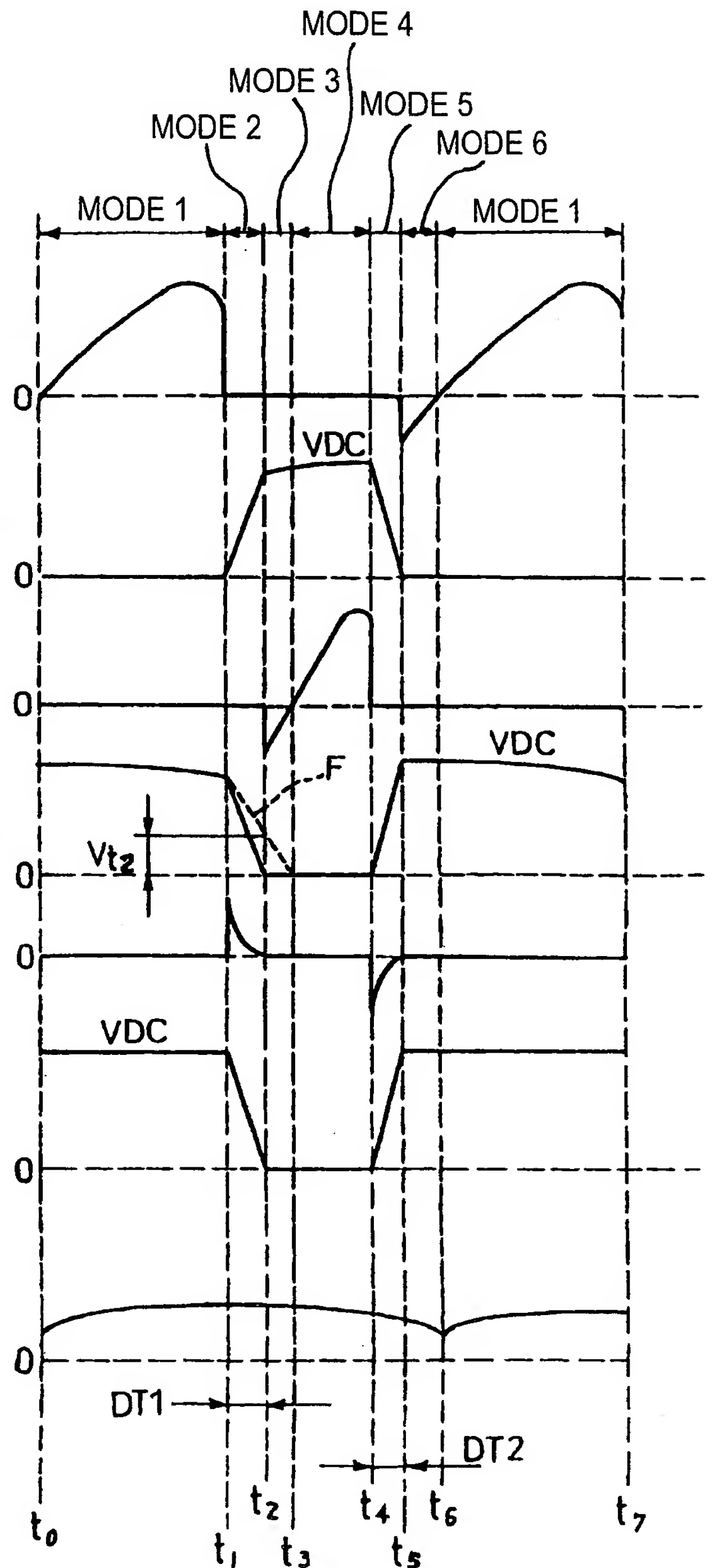
FIG. 4 (c) CURRENT OF SECOND SEMICONDUCTOR SWITCHING ELEMENT 7

FIG. 4 (d) VOLTAGE OF SECOND SEMICONDUCTOR SWITCHING ELEMENT 7

FIG. 4 (e) CURRENT OF FIRST CAPACITOR 4

FIG. 4 (f) VOLTAGE OF FIRST CAPACITOR 4

FIG. 4 (g) VOLTAGE OF SECOND CAPACITOR 5



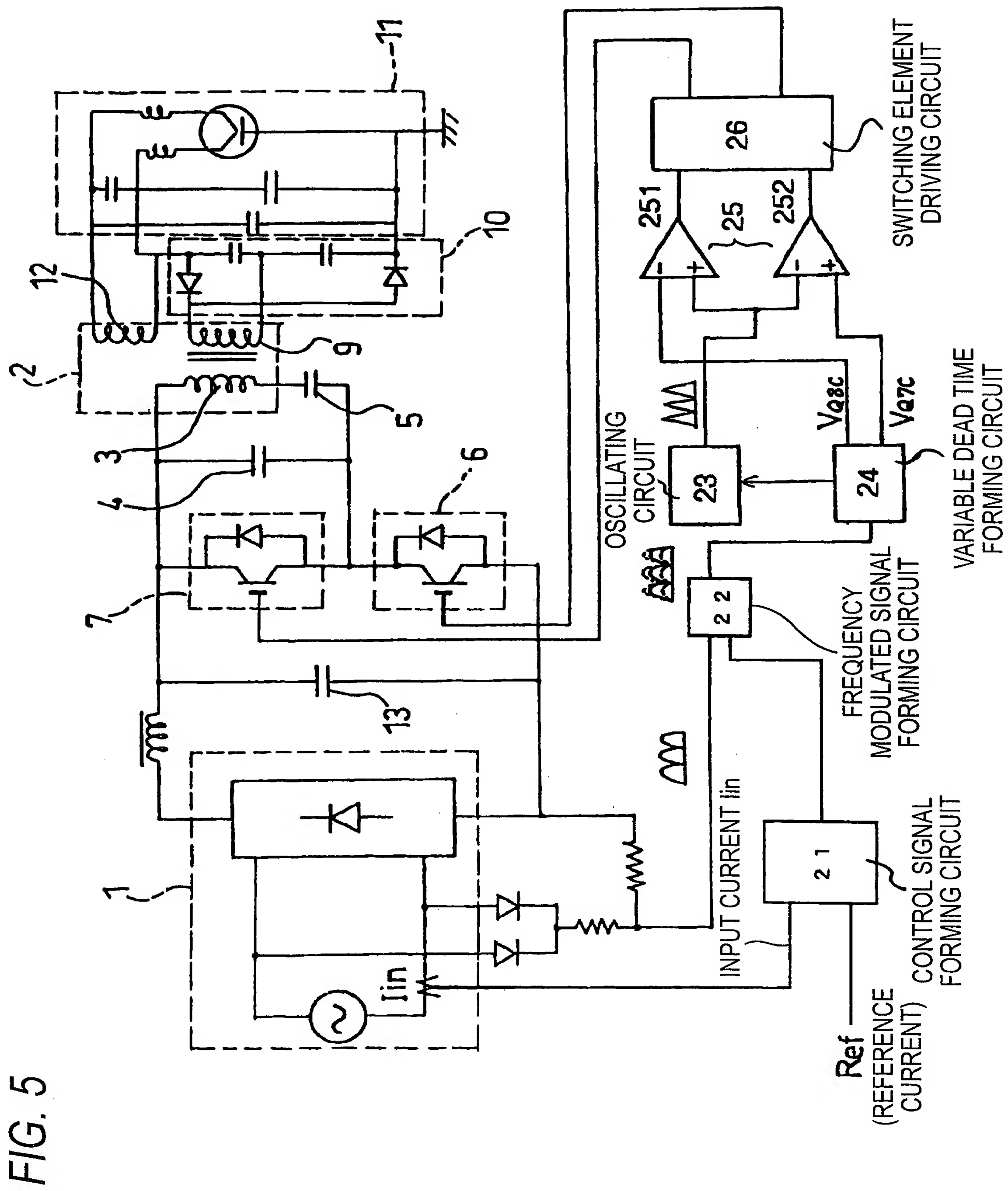


FIG. 6 (a)

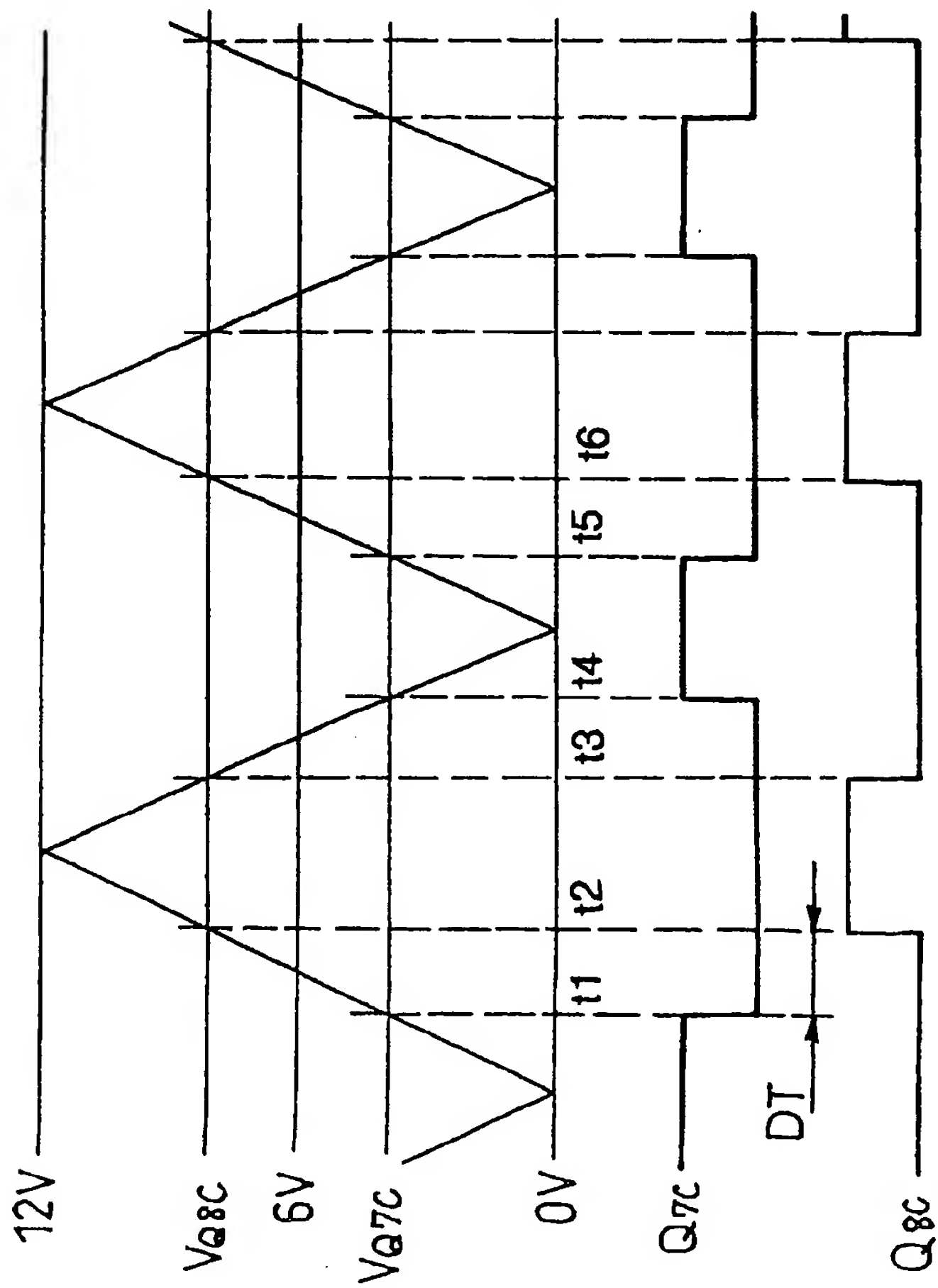


FIG. 6 (b)

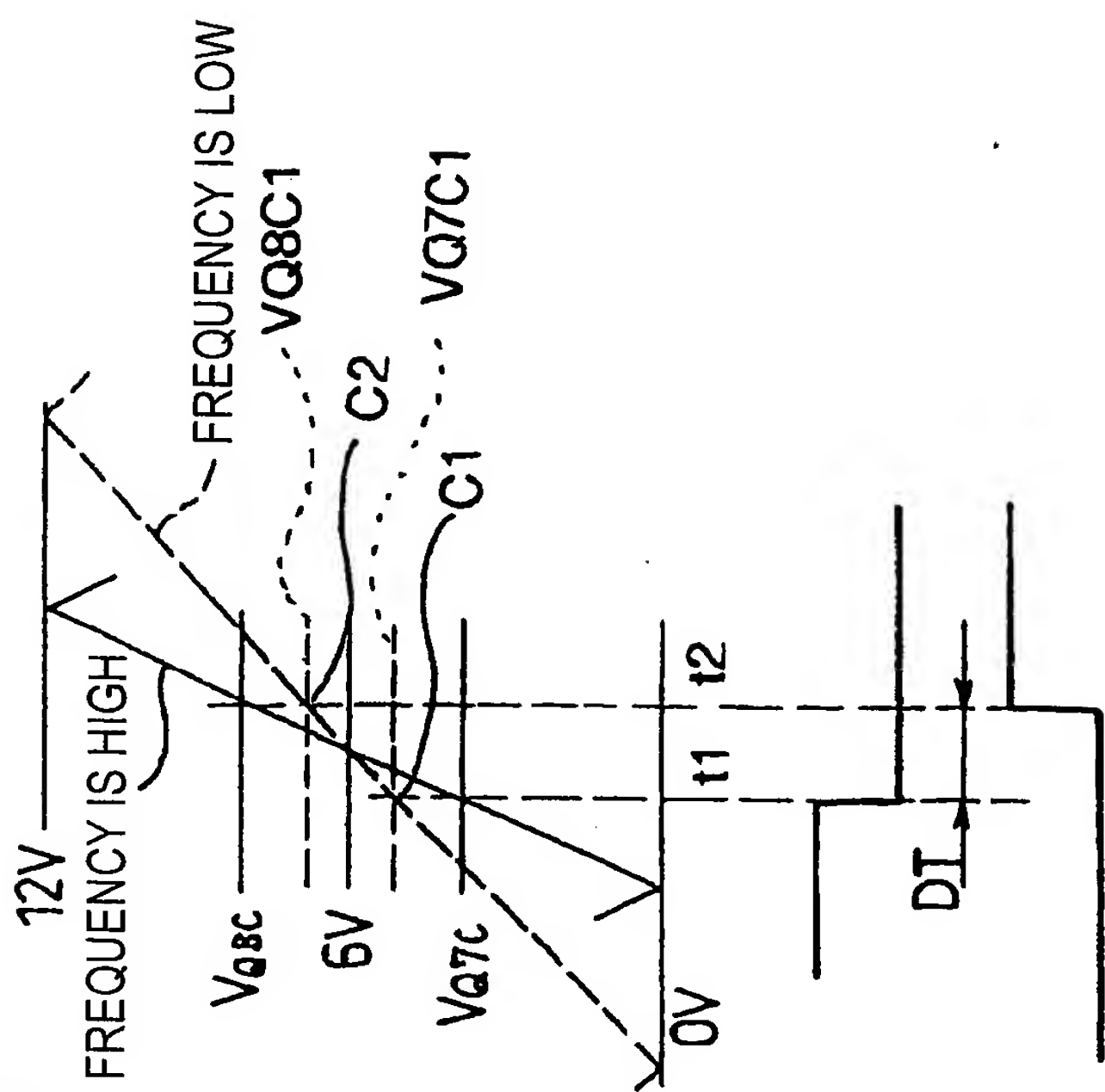


FIG. 7

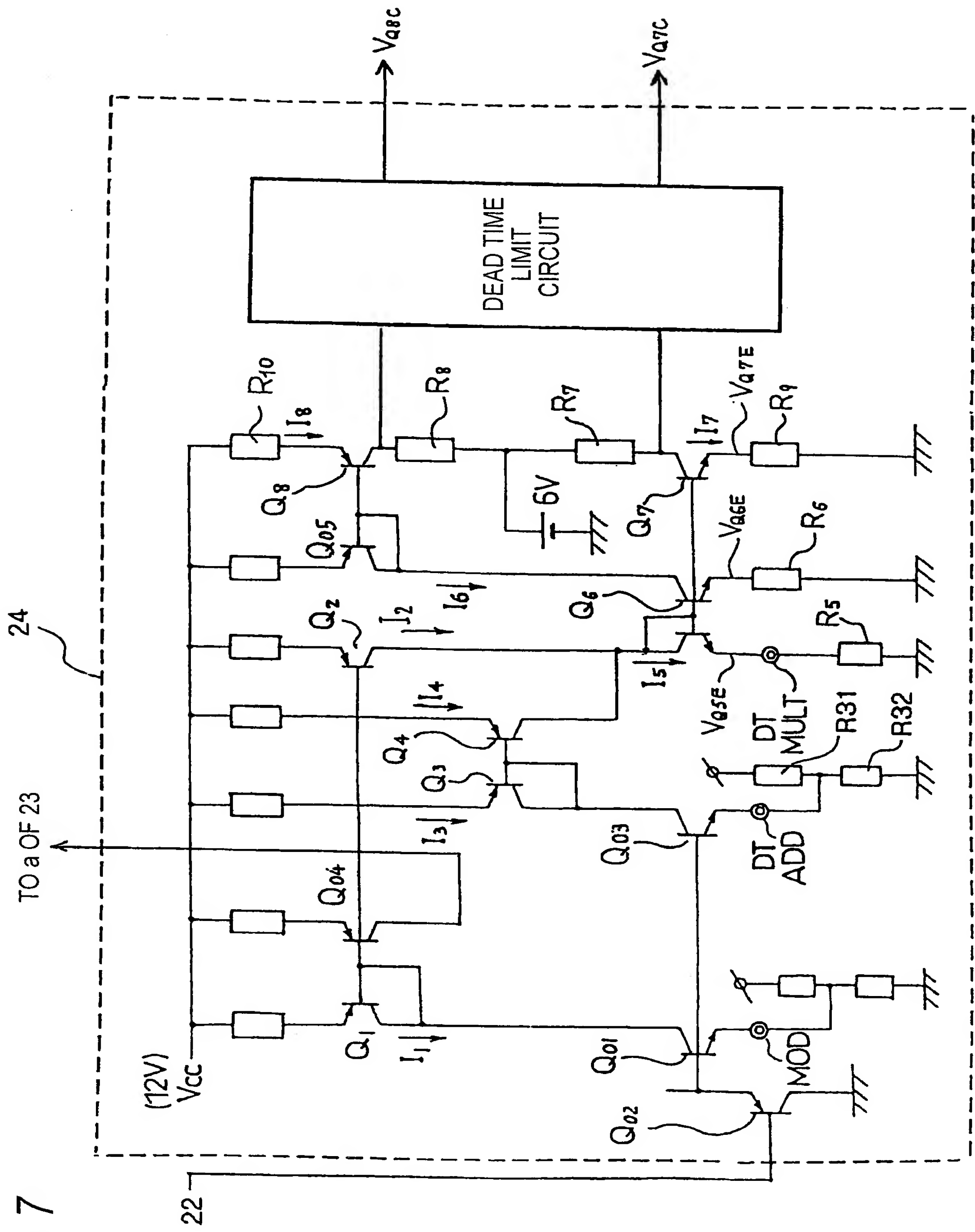


FIG. 8

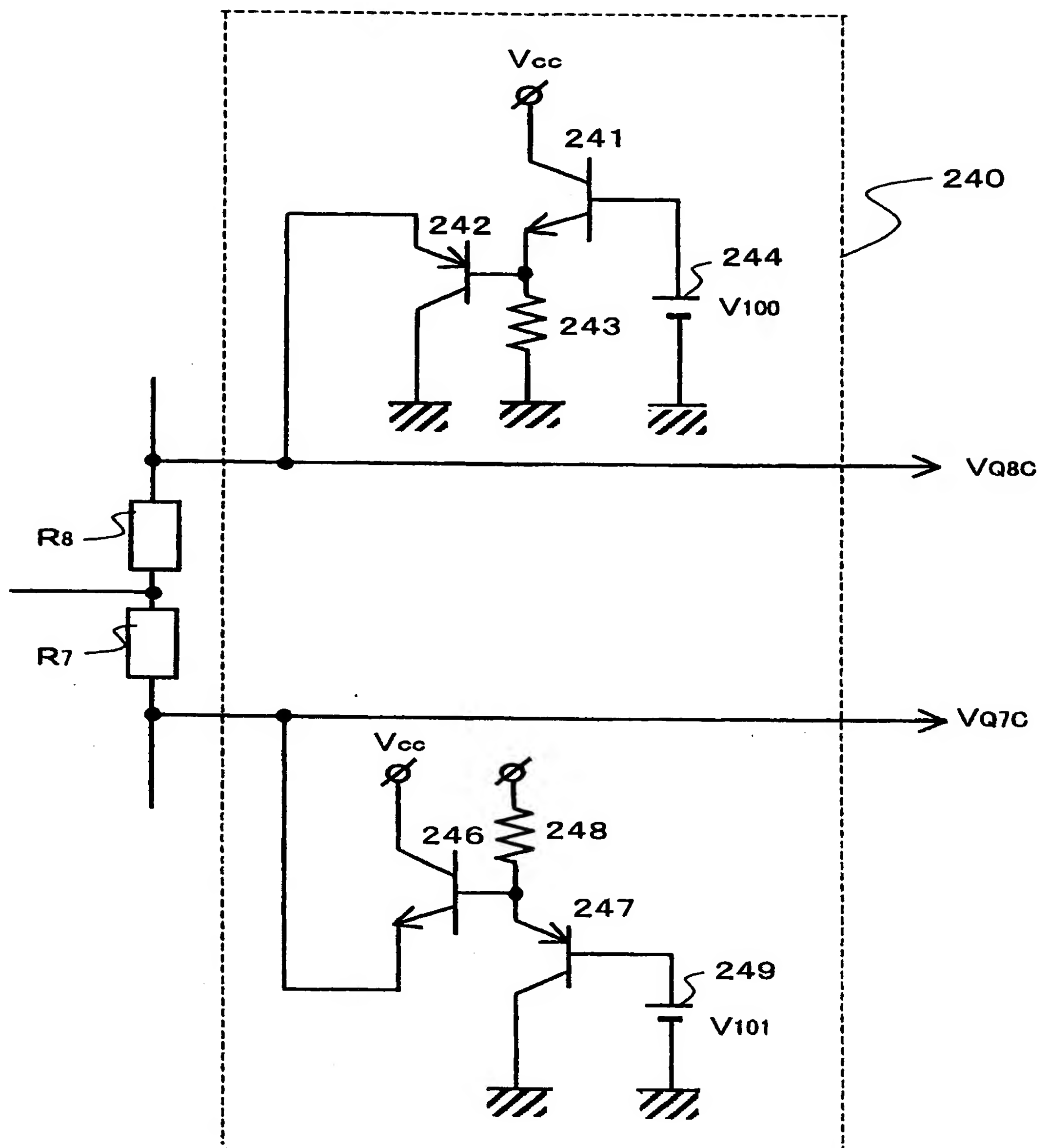
(1) $V_{100} \neq V_{101}$ (2) $V_{100} < 12V$

FIG. 9

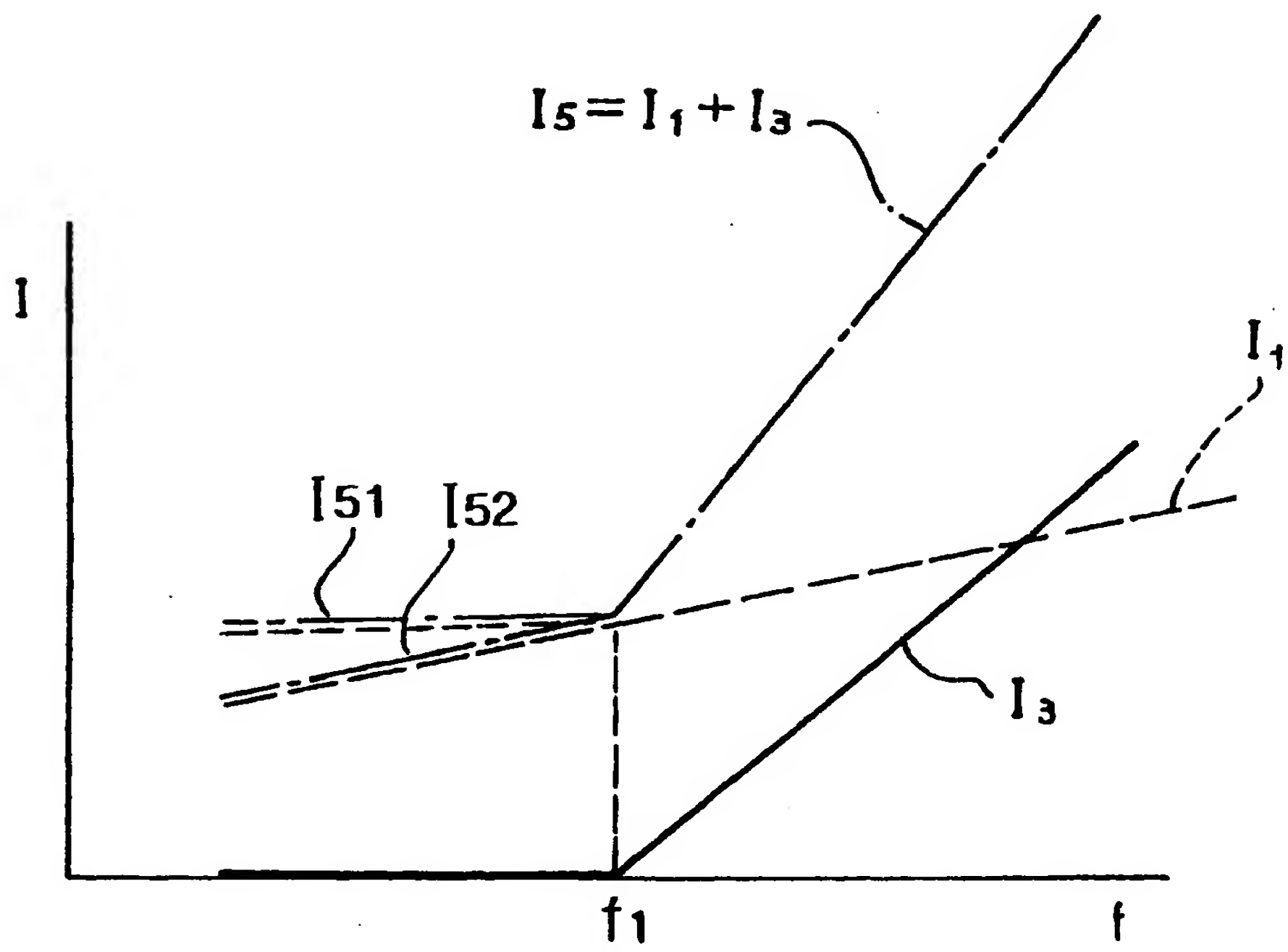


FIG. 10 (a)

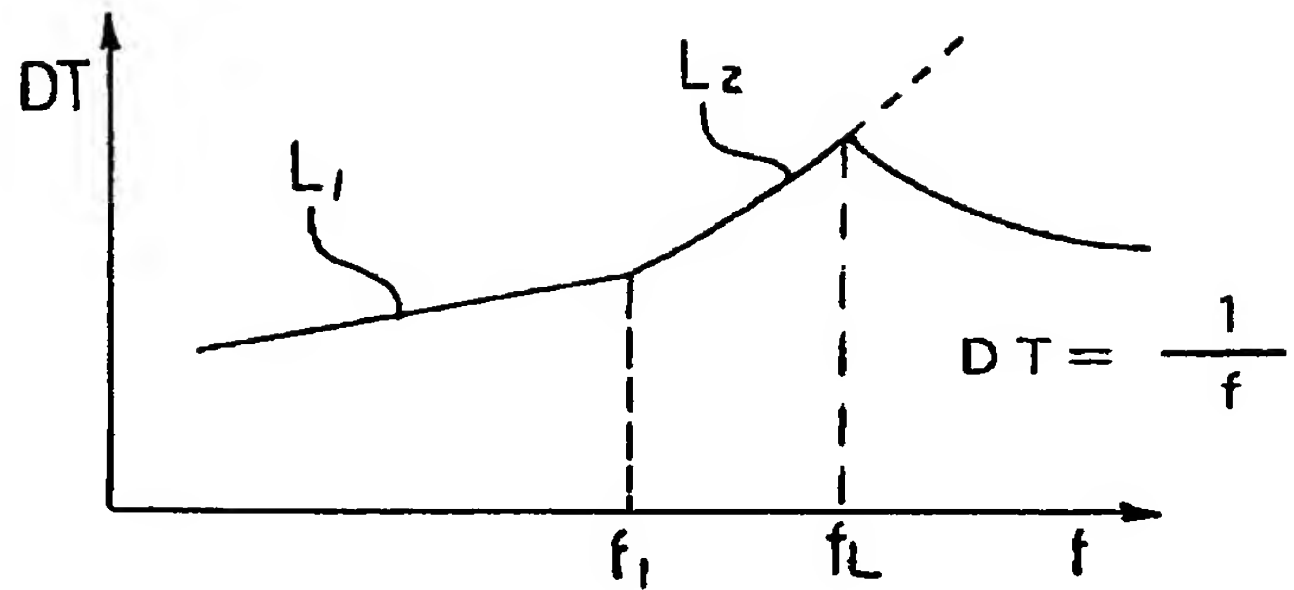


FIG. 10 (b1)

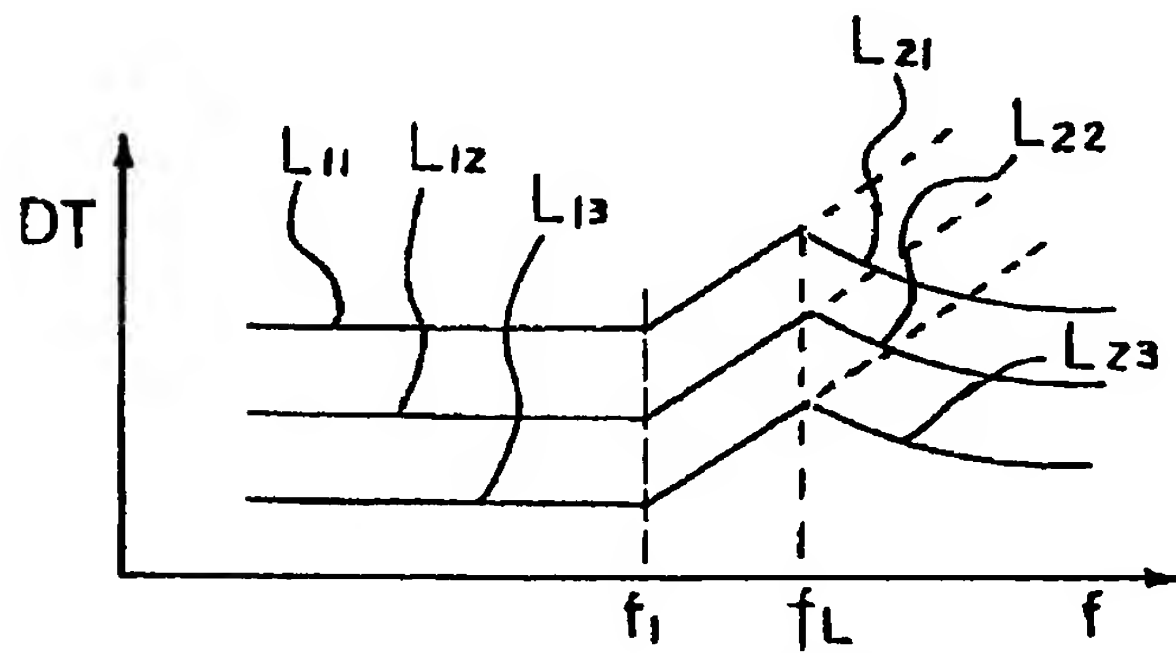


FIG. 10 (b2)

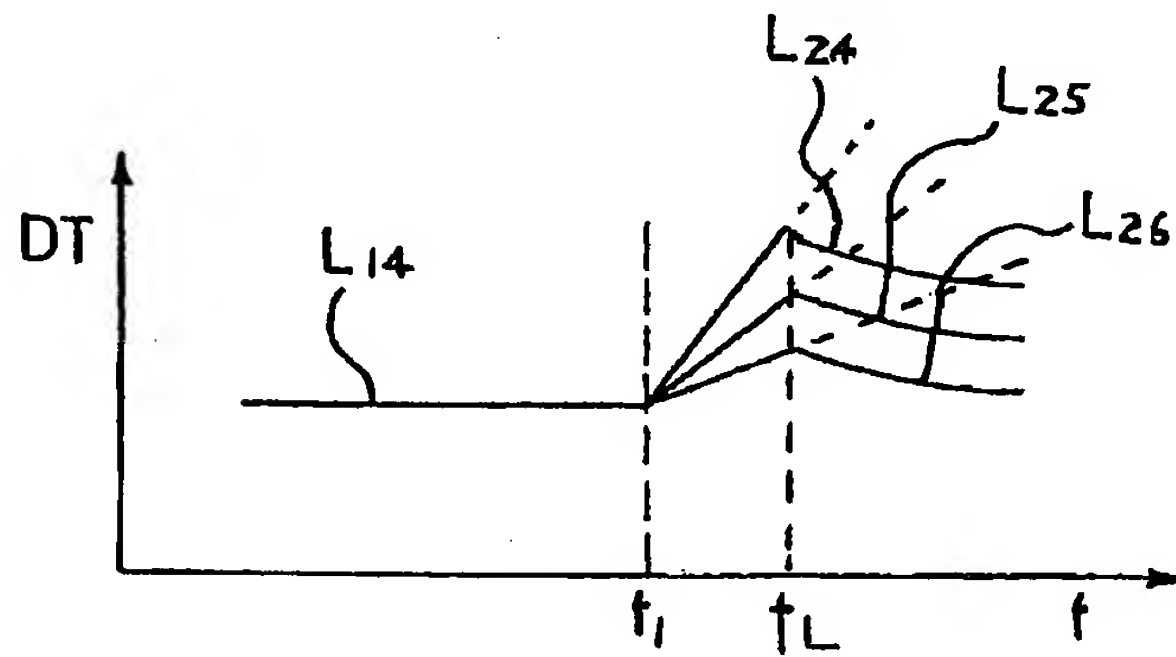


FIG. 10 (b3)

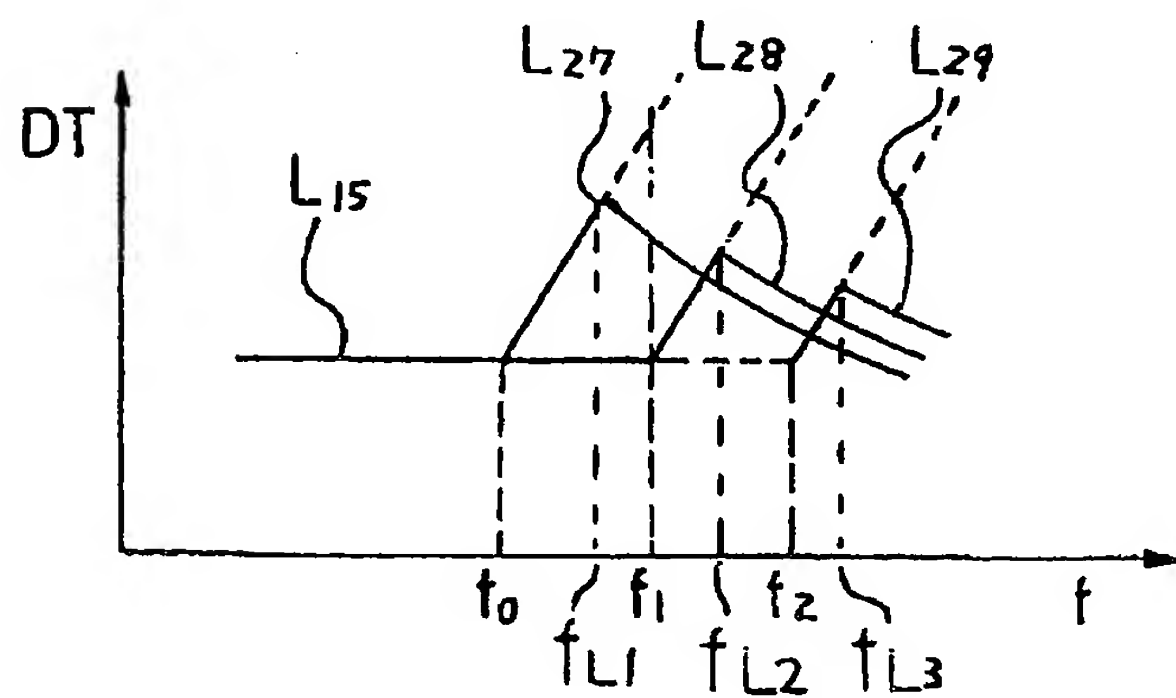


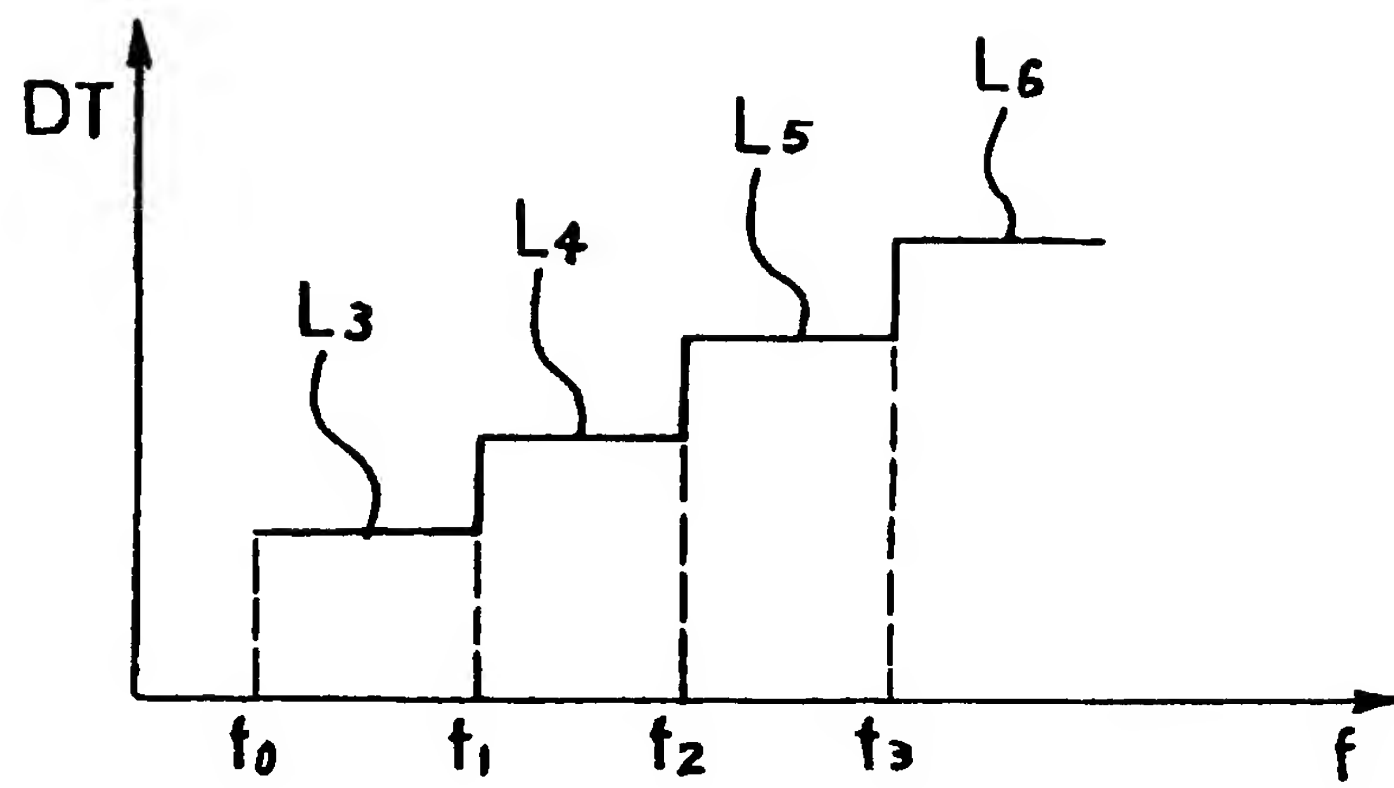
FIG. 11

FIG. 12

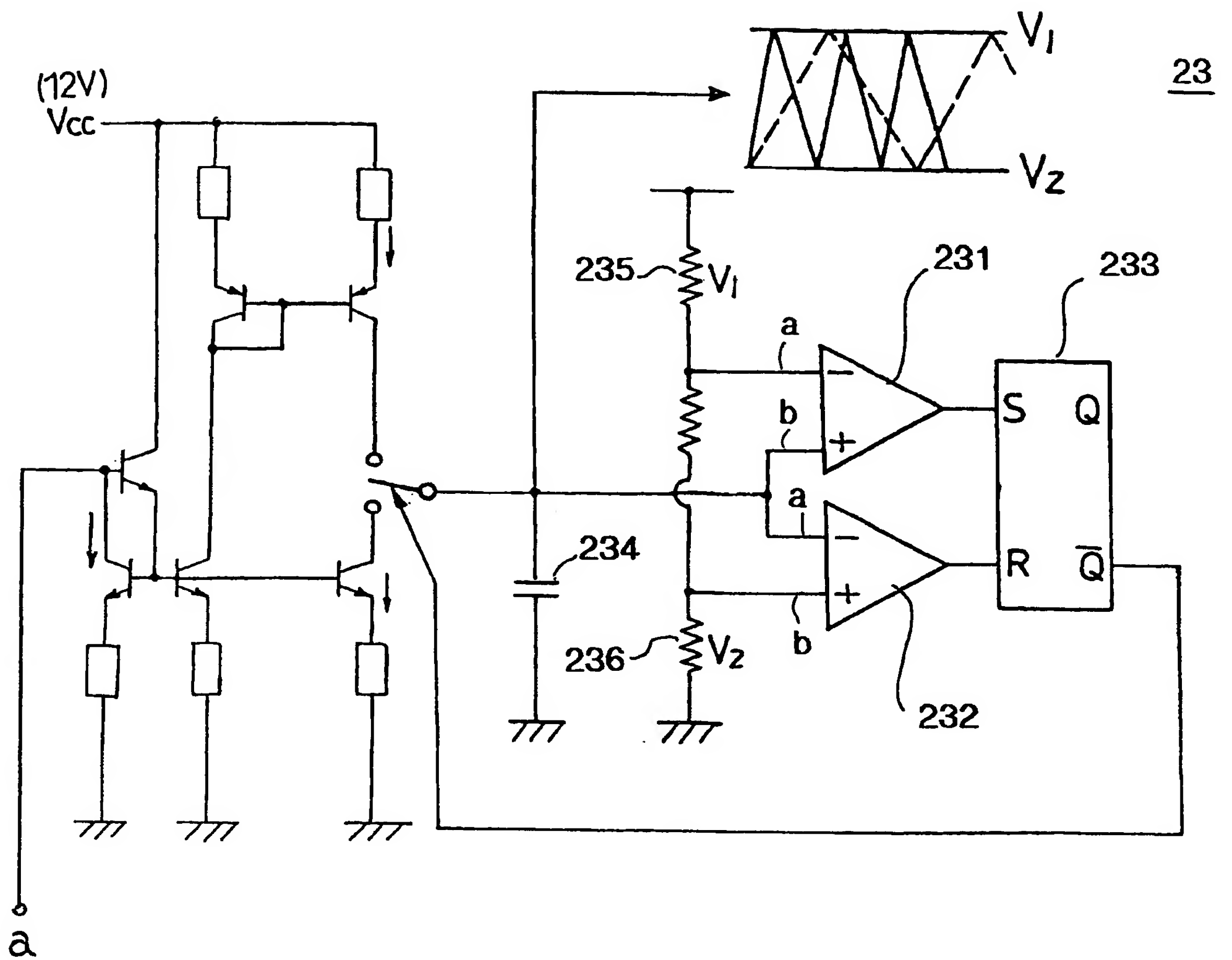


FIG. 13 (a)

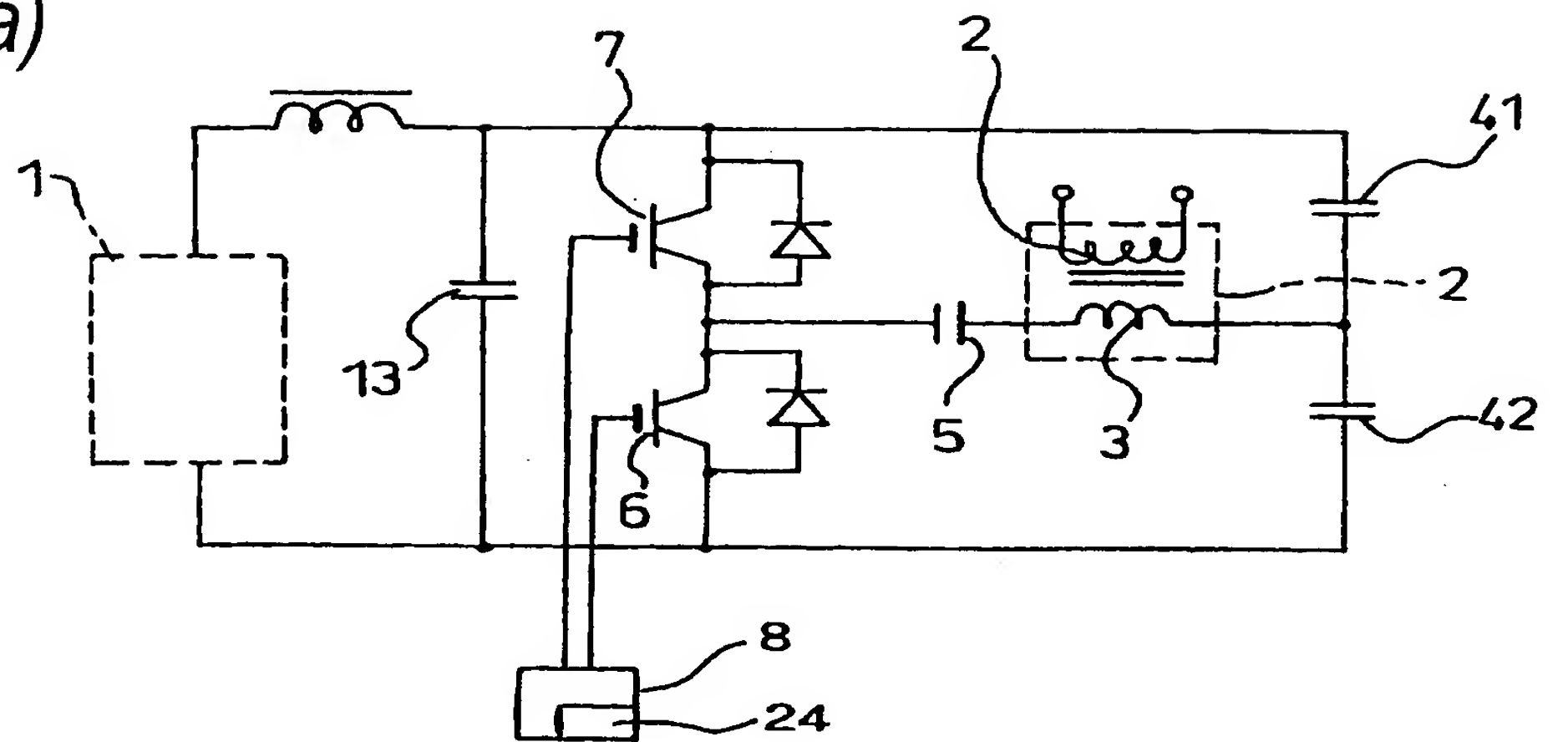


FIG. 13 (b)

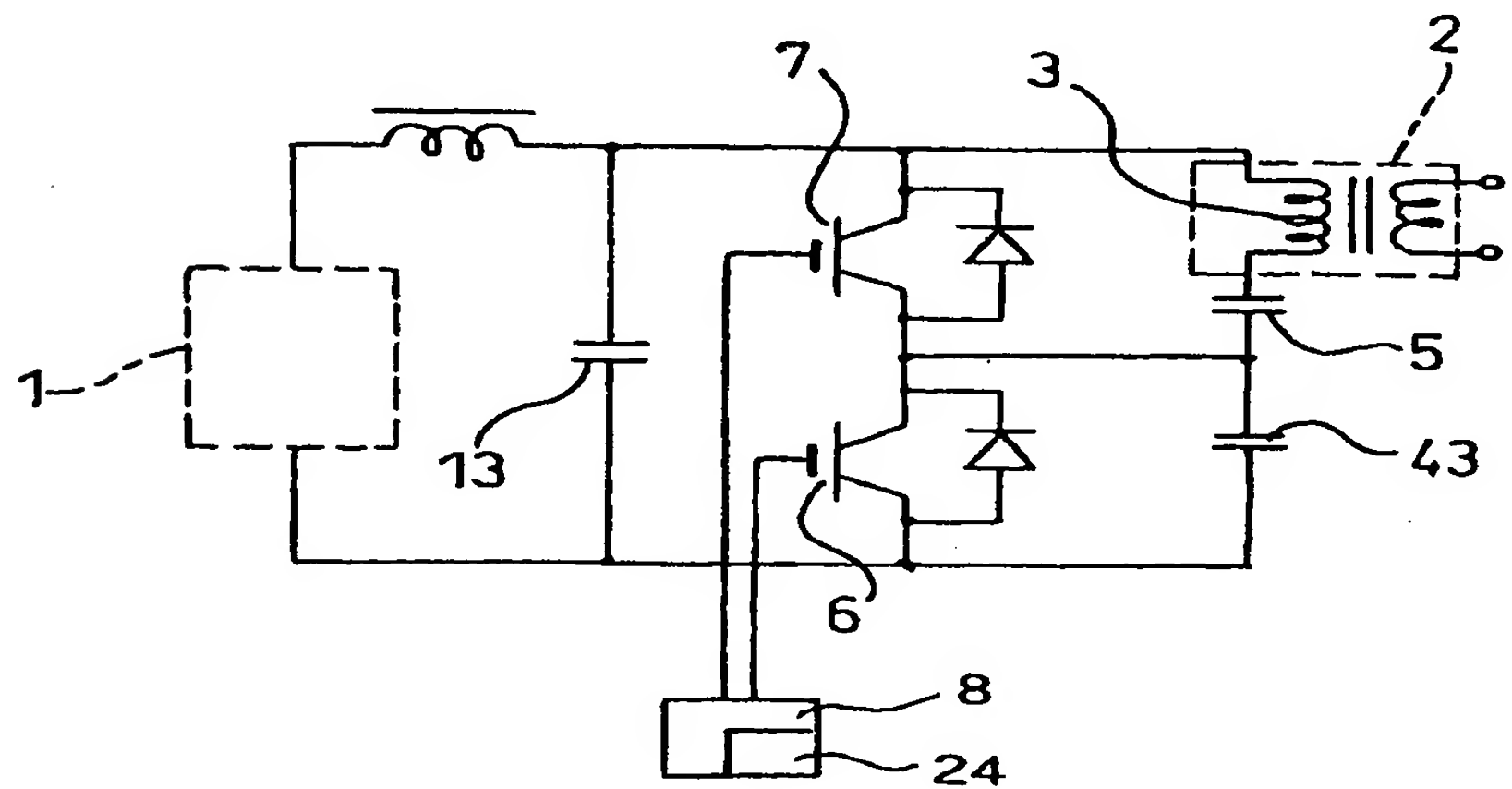


FIG. 13 (c)

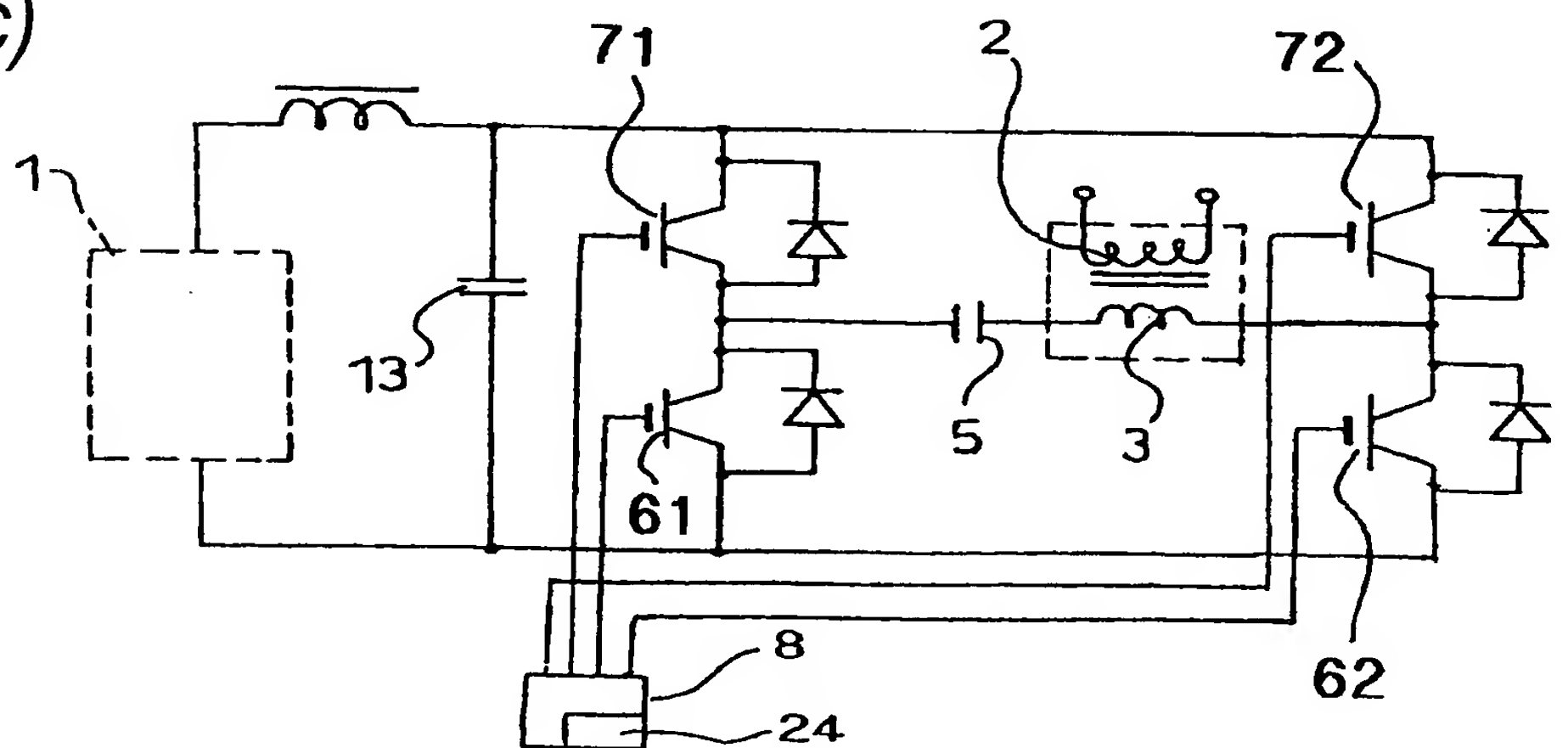


FIG. 14

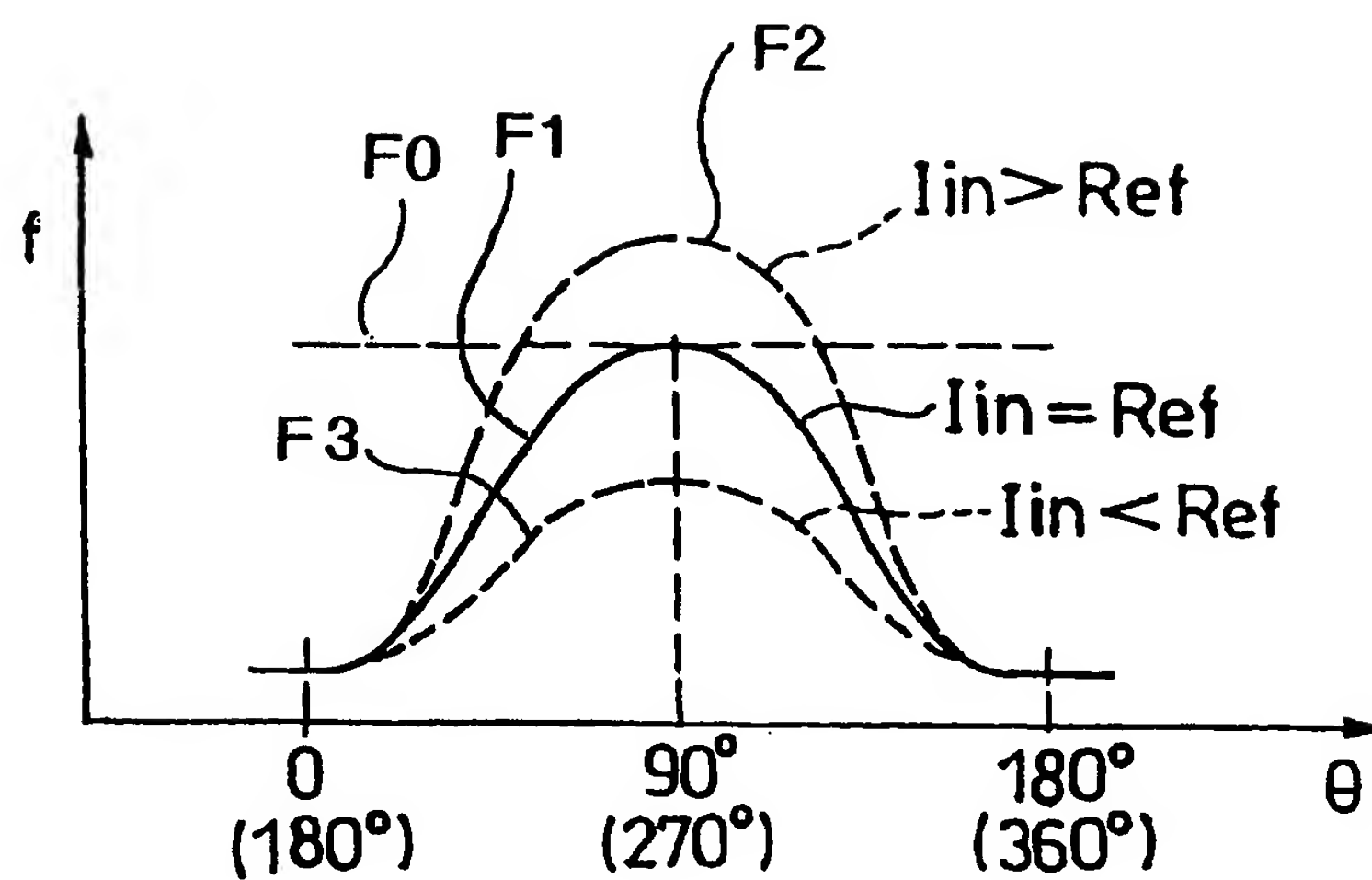


FIG. 15

